

165015 ✓ ACTIVE

PLASTI-GRIP

TE Internal #: 165015

Ring Terminals & Spade Terminals, Spade Tongue, 12 – 10 AWG

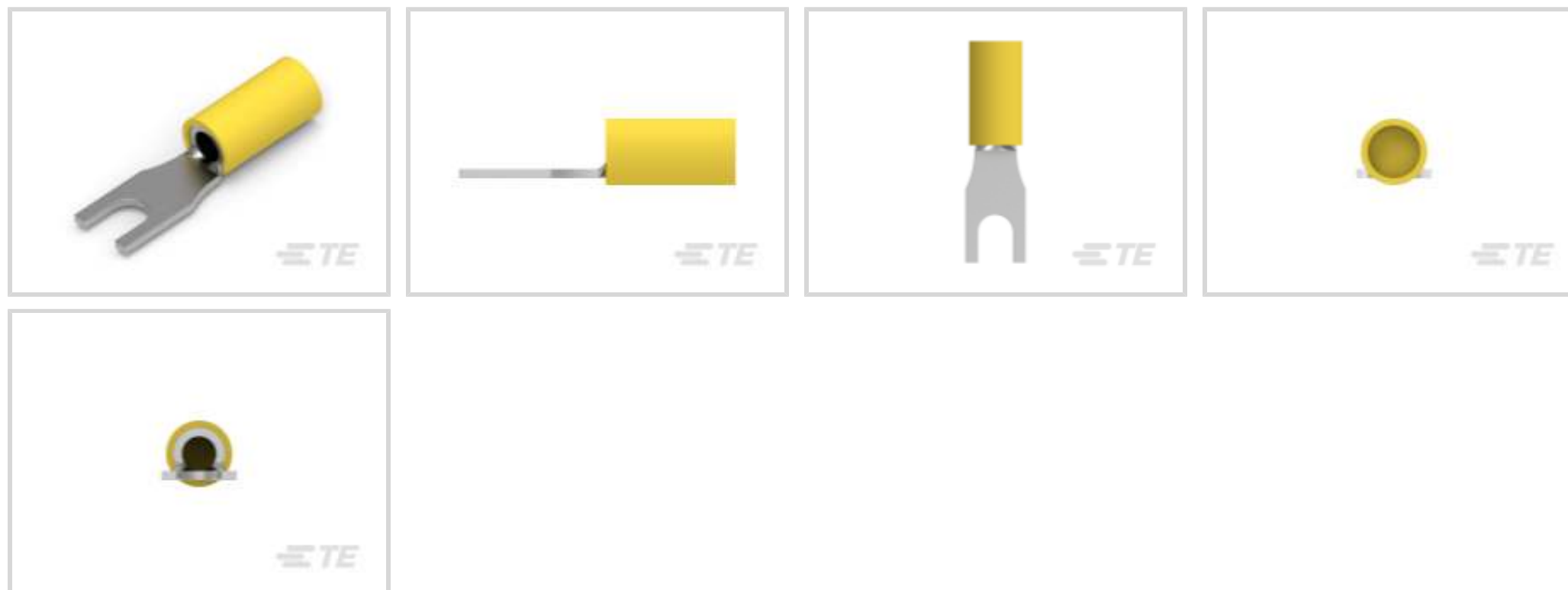
Wire Size, 2.62 – 6.64 mm² Wire Size, 5180 – 13100 CMA Wire Size,

PLASTI-GRIP

[View on TE.com >](#)



Terminals & Splices > Ring Terminals & Spade Terminals



Ring & Spade Terminal Type: **Spade Tongue**

Wire Size: **5180 – 13100 CMA**

Stud Size: **M4.5**

Features

Product Type Features

Stud Size	M4.5
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

Electrical Characteristics

Voltage Rating	600 V
----------------	-------

Body Features

Product Weight	1.947 g
Insulation Sleeve Color	Yellow
Stripe Color	Yellow

Contact Features

Ring & Spade Terminal Type	Spade Tongue
Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin

Mechanical Attachment



Wire Insulation Support	Without
-------------------------	---------

Dimensions

Wire Size	5180 – 13100 CMA
Stud Diameter	4.7 mm[.185 in]
Tongue Thickness	.79 mm[.031 in]
Product Length	31.45 mm[1.238 in]
Compatible Insulation Diameter (Max)	6.4 mm[.252 in]
Compatible Insulation Diameter Range	3.8 – 6.4 mm[.149 – .252 in]

Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature Range	105 °C[221 °F]

Operation/Application

Compatible With Wire Base Material	Copper
Compatible With Wire Plating Material	Tin

Industry Standards

Government Qualified Terminal	No
-------------------------------	----

Packaging Features

Packaging Quantity	500
Packaging Method	Loose Piece

Product Compliance








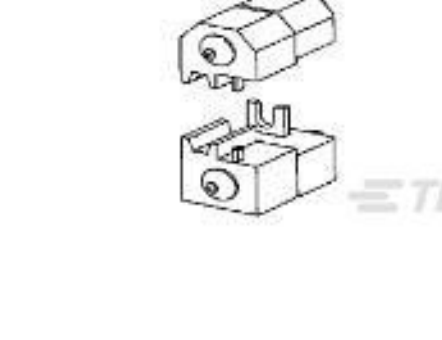




[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

 <p>TE Part # 58433-3 PRO CR ASSY, RBY IS9252</p>	 <p>TE Part # 59239-4 HHHT PIDG PG 12-10 ASSY</p>	 <p>TE Part # 58423-1 DIE, RBY IS9252</p>	 <p>TE Part # 59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY</p>
 <p>TE Part # 2217484-1 KIT, BTLI, HEAVY HEAD</p>	 <p>TE Part # 2217484-2 KIT, BTLI, HEAVY HEAD</p>	 <p>TE Part # 3-1377173-6 SMP 0-0165015-0</p>	 <p>TE Part # 47808-6 DIES PIDG 12-10 DIE SET</p>
 <p>TE Part # 169400 CERTI-LOK FRAME W/O DIES</p>	 <p>TE Part # 1SET191001R0000 CRIMP-HT</p>	 <p>TE Part # 1SET191002R0000 TET CRIMP-HT</p>	 <p>TE Part # 169404 CERTI-LOK DIE</p>

Also in the Series | **PLASTI-GRIP**



Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(25)

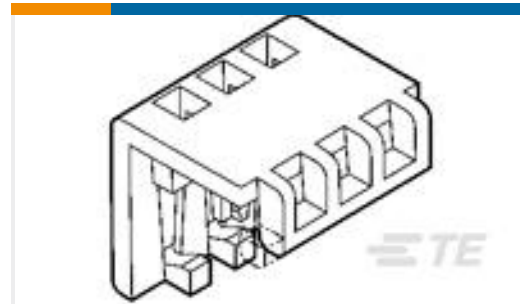
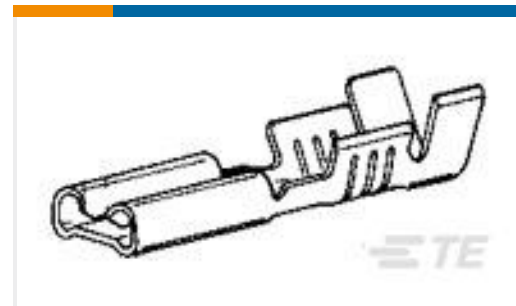
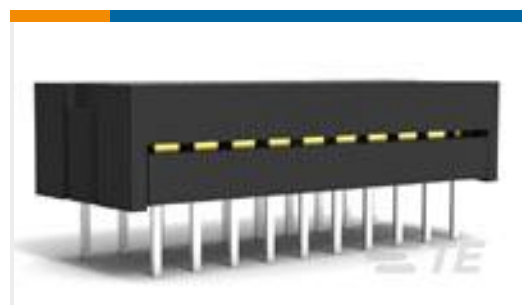


Ring Terminals & Spade Terminals(534)



Splices(49)

Customers Also Bought

TE Part #282618-1
FPC PIN CONTACT TIN-PTE Part #1-643075-1
11P MTA100 MOLDED COVERTE Part #4-640440-1
11P MTA100 CONN ASSY 22AWG REDTE Part #320773
PIDG R 22-16 COMM 22-18 MIL 2TE Part #165019
PG SPADETE Part #770351-1
04P UMNL PIN HDR ASSY W/O DRNSTE Part #140717-2
110 FASTON,REC.,22-18 AWG,PTBRTE Part #737107-1
110 FASTON REC 20-17 AWG BRTE Part #746611-6
16 DIP PLUG, 300CL, LEAD FREETE Part #280050-2
250 FASTON,FLAG,REC.,16-20 AWG,
TPBR

Documents

Product Drawings

[PLASTI-GRIP, SPADE 12-10 4.5MM](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_165015_J.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_165015_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_165015_J.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_165015_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_165015_B.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_165015_B.2d_dxf.zip](#)

English

3D PDF

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English

UL Report

English